



The Chemical Company

BASF Corporation
120 Pine Street
Elyria, OH 44035
440-329-2568

June 5, 2014

Ms. Christine McPhee
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Particulate Matter Release, Dust Collector Malfunction May 31, 2014

Dear Ms. McPhee,

Please find enclosed the report on the May 31, 2014 particulate matter release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was 120 minutes. The release began at approximately 0500 and ended at 0700.
3. The particulate matter discharged out of the Tunnel Kiln 4 (P005) dust collector.
4. Approximately 10 pounds of particulate matter was released into the air.
5. The release was the result of a mechanical failure of the dust collector.
6. To end the release site personnel shut down the dust collector and milling equipment associated with the kiln. The cause of the release was found to be improperly installed cartridges in the dust collector.
7. No evacuation of the surrounding community was necessary.
8. The particulate matter released was a mixture of 7% aluminum oxide, 50% silicon dioxide, 45% divanadium pentoxide and 3% miscellaneous additives. Divanadium pentoxide has a RQ of 1,000 lbs.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to read 'Timothy Anglin', written over a horizontal line.

Timothy Anglin
EHS Specialist

Cc: Lorain County Emergency Coordinator



The Chemical Company

BASF Corporation
120 Pine Street
Elyria, OH 44035
440-329-2568

July 18, 2014

Ms. Christine McPhee
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Ammonium Nitrate Release, Ammonia Scrubber Malfunction July 16, 2014

Dear Ms. McPhee,

Please find enclosed the report on the July 16, 2014 Ammonium Nitrate release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was approximately 90 minutes. The release began at approximately 2200 and ended at 2330.
3. The ammonium nitrate discharged out of the Copper Chrome Strike Deck (P070) ammonia scrubber.
4. It is estimated that less than 20 pounds of ammonium nitrate was released into the air. If information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of a software programming failure that allowed excess nitric acid to be pumped into the ammonia scrubber.
6. To end the release site personnel shut down the nitric acid flow to the scrubber.
7. No evacuation of the surrounding community was necessary.
8. The released was a mixture of ammonium nitrate and water vapor.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy Anglin".

Timothy Anglin
EHS Specialist

Cc: Lorain County Emergency Coordinator



The Chemical Company

BASF Corporation
120 Pine Street
Elyria, OH 44035
440-329-2568

August 15, 2014

Ms. Christine McPhee
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Ammonia Release, Ammonia Scrubber Malfunction August 8, 2014

Dear Ms. McPhee,

Please find enclosed the report on the August 8, 2014 Ammonium Nitrate release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was approximately 30 minutes. The release began at approximately 1800 and ended at 1830.
3. The ammonia discharged out of the Copper Chrome Strike Deck (P070) ammonia scrubber.
4. It is estimated that less than 10 pounds of ammonium nitrate was released into the air. If additional information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of a malfunction with the ammonia scrubber.
6. To end the release site personnel shut down the process and scrubber. The scrubber was then cleaned and returned to service.
7. No evacuation of the surrounding community was necessary.
8. The released was a mixture of ammonia and water vapor.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy Anglin".

Timothy Anglin
EHS Specialist

Cc: Lorain County Emergency Coordinator



We create chemistry

April 5, 2016

Mr. Tony Becker
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: PM Release, Pulverizer Mill (P031), March 9, 2016

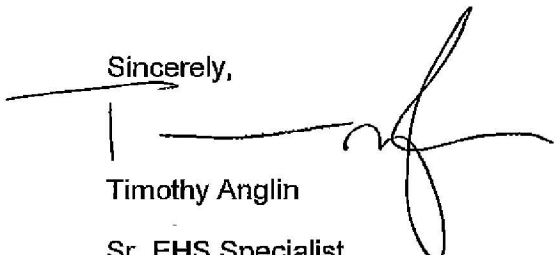
Dear Mr. Becker,

Please find enclosed the report on the March 9, 2016 NOx release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was 2 minutes. The release began at approximately 0845 and ended at 0847.
3. The PM discharged out of a Pulverizer Mill (P031).
4. It is calculated less than 1 pound of PM (D0713) were released. If additional information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of the manual damper on the dust collector being incorrectly set, allowing the discharge to pass through the filter.
6. To end the release site personnel reset the damper.
7. No evacuation of the surrounding community was necessary.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,



Timothy Anglin

Sr. EHS Specialist



We create chemistry

August 24, 2016

Mr. Tony Becker
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Malfunction Report

Dear Mr. Becker,

Please find enclosed the report on the August 10, 2016 Particulate Matter (PM) release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was 1 minute. The release began at 0930 and ended at 0931.
3. The PM discharged out of the copper precursor process (P131).
4. It is calculated that less than 1 pound of PM were released. If additional information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of a mechanical failure of the process bin vent.
6. To end the release site personnel shut down the process and repaired the bin vent.
7. No evacuation of the surrounding community was necessary.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy Anglin". The signature is stylized with a large, sweeping loop at the end.

Timothy Anglin

Sr. EHS Specialist



We create chemistry

August 24, 2016

Mr. Tony Becker
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Malfunction Report

Dear Mr. Becker,

Please find enclosed the report on the August 11, 2016 Nickel Nitrate Vapor release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was 15 minutes. The release began at 1115 and ended at 1130.
3. The vapor discharged out of the nickel nitrate tanks (P081).
4. It is calculated that less than 1 pound of vapor were released. If additional information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of a pump failure that caused the scrubber reservoir not to refill with water.
6. To end the release site personnel shut down the process and repaired the pump.
7. No evacuation of the surrounding community was necessary.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to be "Timothy Anglin", written over a horizontal line.

Timothy Anglin

Sr. EHS Specialist



We create chemistry

August 24, 2016

Mr. Tony Becker
Ohio EPA, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1969

Re: Malfunction Report

Dear Mr. Becker,

Please find enclosed the report on the August 17, 2016 Nickle Nitrate Vapor release.

1. The release occurred at the BASF Elyria Plant, 120 Pine Street, Elyria, OH.
2. The duration of the release was 15 minutes. The release began at 0130 and ended at 0145.
3. The vapor discharged out of the nickel nitrate tanks (P081).
4. It is calculated that less than 1 pound of vapor were released. If additional information on the amount of material released becomes available, it will be forwarded to your office.
5. The release was the result of a pH probe failure that caused the scrubber not to maintain the proper pH.
6. To end the release site personnel shut down the process and replaced the probe.
7. No evacuation of the surrounding community was necessary.

If you have any questions or require any further information, please do not hesitate to call me at 440-329-2568.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy Anglin", written over a horizontal line.

Timothy Anglin

Sr. EHS Specialist